

IAL-SoftTouch

The virtual keyboard for windows-based terminals und hand scanners

The IAL SoftTouch series provides our customers with virtual keyboards for modern windows-based hand scanners and forklift terminals. Two versions are available: the IAL SoftTouch for handhelds based on Windows CE and the IAL SoftTouch for PCs on a Windows XP-Basis.

The operation of these terminals is simplified through the variable configuration of any size "keys". In many cases, the virtual keyboard allows the use of devices with reduced keyboards or even without keyboards altogether. In addition the operative range of the devices can be intentionally limited for specific users. The operator has available only those functions and keys which the task requires. The screen is completely filled with the application window and the virtual keyboard. Access to other windows programs such as the Internet Explorer is prevented.



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SoftTouch for Windows CE

Input to the handheld terminals can be made on the available keys and/or using the virtual keys on the touch pad. of the IAL SoftTouch for Windows CE. The appropriate keys on the touch field are configured to customer specification.

The assignment of functions to keys can be freely chosen. Macros can also be assigned to keys. The number of keys is limited only by the available screen area.

The screen image is a combination of emulation window (application window) and virtual keyboard.

According to the requirements of the specific application or emulation, complete strings can be transmitted to the host through a single key. In this way IAL SoftTouch fulfills the requirements of current windows-supported emulations. One kind of VT-emulation is wavelink. Wavelink supports, for example, the emulations VT100, VT220, HP, IBM5251-11, IBM3278-0, IBM3279-2, IBM3279-2-E.

SoftTouch for Windows XP

An growing number of forklifts are being outfitted with wireless terminals in many warehouse. Increasingly, industrial PCs with touch screens based on Windows XP are being used.



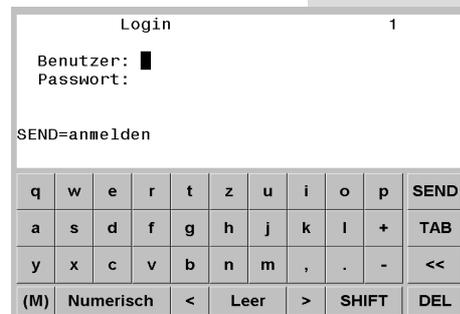
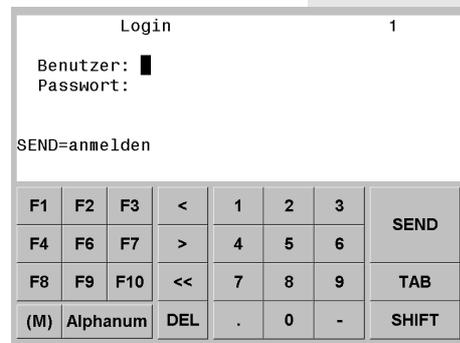
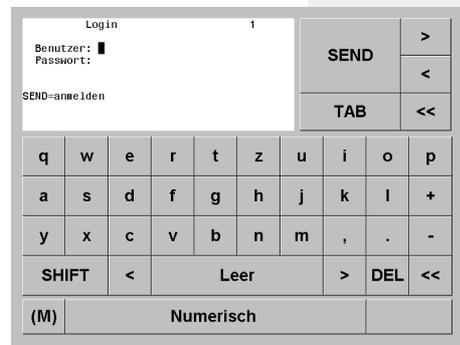
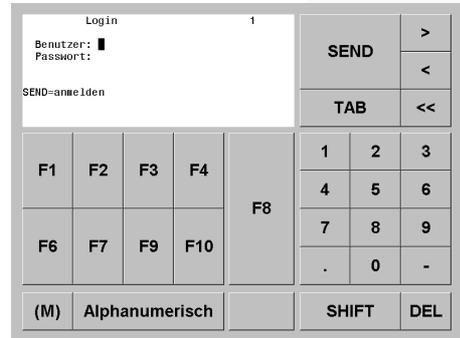
The devices can be configured individually and the touch screen allows a user-friendly design for input and display. The existing virtual full keyboards do not fulfill the requirements in practice, for instance on the forklifts. What is often needed here is an input method which is oriented on the standard input on a stationary PC but offers further improvements. It is also necessary to be able to use the existing emulation and at the same time the modern terminal functions.

The IAL-SoftTouch für Windows XP supports devices without an external keyboard and function keys. All input is done on the touch screen. The layout of the input keys is configured according to customer specification. The assignment of functions to keys can be freely chosen. Macros can also be assigned to keys. The number of keys is limited only by the available screen space. If the application requires it, character strings can also be transmitted to the host.

The screen display is a combination of emulation window (application window) and virtual keyboard.

At the right some examples of VT emulation layouts in application windows of various sizes are shown. (Being shown here is the system waiting for user input at log-in.)

Switching between numeric and alphanumeric keyboards is possible.



Additional security functions are required when using Windows. IAL SoftTouch provides an application check.

In addition to the application level there is a service level through which the parameters of the terminals can be controlled.

The following functions are provided:

- ▶ Start / Stop control functions for the emulation software (NetTerm)
- ▶ Start / Stop control of the Telnet session (connection to the host system)
- ▶ Controlled access to the windows system (access control via password)
- ▶ Check of the transmission settings
- ▶ Controlled end of the windows session (ShutDown)
- ▶ Availability of input functions (virtual keys) which can be adjusted to customer requirements and needs.

These functions can be used locally or in a remote connection. A browser interface is available for the setting.

IAL-SoftTouch is available for the following types of devices:

Handhelds with a touch screen and the operating system Windows Mobile(PPC2003) or Windows CE.

Various emulations are supported, including Wavelink for VT emulations used with Symbol devices.

Forklift terminals with a full touch screen and the operating system Windows XP.

IAL-SoftTouch for Windows XP contains the NetTerm emulation software.

NetTerm supports, for example, Ansi, AnsiSCO, IBM32x, VT100, VT220, VT320.



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